

CITOPULS III is the very latest innovative MIG/MAG welding machines from OERLIKON offering superior welding performance & very easy to use interface. Including a ECO design inverter, it allows a perfect control of the welding current waveforms even for puls mode.

Specification

- CITOPULS III has been designed in a modular form for easy workshop mobility to suit all welding applications (manual or automation). A lot of options are available in order to make easier the welder tasks.
- A modular concept to meet all user requirements.
- User friendly control panels.
- Small machine for easier access.
- Light installation (34 kg for the power source).
- Generator compatible.
- Standard MIGMAG / Pulse / Silent Puls / Speed Short Arc / HPS / MMA.
- In synergic mode, more than 100 synergies available.
- Storage of 100 welding programmes.
- Locking parameters by a digit code with tolerance (+/- 20%).
- Simple automatic interface. Harnesses (up to 50 m).



Technical features

CITOPULS III 420	
Power supply	3ph 400V (+20%/-20%) 50/60Hz
Effective primary consumption	20.4A
Max primary consumption	26A
Fuse rating	25A
No load voltage	70V
Secondary current range	15A - 420A
DutyCycle 10mn 40°C at 60%	420A
DutyCycle 10mn 40°C at 100%	350A
Inductance	ELECTRONIC
Number of rollers	4
Consummable Diameter Range	0.6 - 1.2 mm
Gas connection	M10
Reverse polarity	no
Kind of display	16 SEGMENTS
Protection index	IP23S
Protection class	H
Dimensions (LxH) mm	720x295x525
Weight kg	34
Standard	EN 60974-1 / EN 60974-10

>> Delivery equipment

Ground cable 5.0,m-70mmq with clamp
USB key with user manual
Safety instructions
Warranty instruction

>> Items codes

W000383663

» Options

W000275265 - DMU P400 WIRE FEEDER CITOPULS II
W000275915 - DMU P500 WIRE FEEDER CITOPULS II
W000383000
W000275904 - RC SIMPLE PULS II FOR PULS II
W000273134 - RC JOB 10M FOR PULS / WAVE / PULS II
W000275894 - HARNESS AIR 2M - UNIV STEEL 70MM - UNIV
W000275895 - HARNESS AIR 5M - UNIV STEEL 70MM - UNIV
W000275896 - HARNESS AIR 10M - UNIV STEEL 70MM - UNIV
W000275897 - HARNESS AIR 15M - UNIV STEEL 70MM - UNIV
W000276901 - HARNESS AIR 25M - UNIV STEEL 70MM
W000275898 - HARNESS WATER 2M - UNIV STEEL 95MM -UNIV
W000275899 - HARNESS WATER 5M - UNIV STEEL 95MM -UNIV
W000275900 - HARNESS WATER 10M - UNIV STEEL 95MM -UNIV
W000275901 - HARNESS WATER 15M - UNIV STEEL 95MM -UNIV
W000371044 - HARNESS WATER 2M - UNIV ALUMINIUM 95MM
W000371045 - HARNESS WATER 5M - UNIV ALUMINIUM 95MM
W000371175 - HARNESS WATER 10 UNIV ALUMINIUM 95MM
W000371174 - HARNESS WATER 15 UNIV ALUMINIUM 95MM
W000275898 - HARNESS WATER 2M - UNIV STEEL 95MM -UNIV
W000371239 - HARNESS WATER 25 UNIV ALUMINIUM 95MM
W000277622 - ALUKIT DVU 1.0-1.2
W000277623 - ALUKIT DVU 1.2-1.6
W000373703 - DUST FILTER

» Associated tools

W000345091 - CITORCH M 341 3M
W000345092 - CITORCH M 341 5M
W000345097 - CITORCH M 441 3M
W000345098 - CITORCH M 441 4M
W000345094 - CITORCH M 341W 3M
W000345095 - CITORCH M 341W 4M
W000345014 - DIGITORCH P 341 4M EASY
W000345016 - DIGITORCH P 341W 4M EASY

» Associated products

W000282709 - CARBOFIL 1 GOLD 1.0X0016XB300
W000282713 - CARBOFIL 1 GOLD 1.2X0016XB300
W000283007 - INERTFIL 308 LSI 1.0X015XBS300
W000283013 - INERTFIL 308 LSI 1.2X015XBS300
W000283018 - INERTFIL 308 LSI 1.6X015XBS300
W000283007 - INERTFIL 308 LSI 1.0X015XBS300
W000283013 - INERTFIL 308 LSI 1.2X015XBS300
W000283200 - ALUFIL ALMG4,5MN 1.0X007XBS300
W000283203 - ALUFIL ALMG4,5MN 1.2X007XBS300
W000283221 - ALUFIL ALMG5 1.0X0007XBS300

» Environnement & protections

W000010419 - WELDING GLOVES STOPCALOR+
W000386519